

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	69	21 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:37
L24	2	(18 and 20).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:37
L23	2097	704/219,220,223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:29
L22	12	1 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:27
L21	127	18 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:24
L20	239	17 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:24
L19	72	17 same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:23
L18	855	pitch same prediction same (error residual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:23
L17	402	pitch same (codebook codevector) same search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:23
S4	331	pitch same codebook same search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:22

## EAST Search History

L16	100	("5873060" "6141638" "6795805" "20050108005" "20060277036" "5434947" "5570453" "5675702" "5692101" "5826224" "5581652" "6807524" "20050065785" "20050108007" "5457783" "5864797" "5396576" "5487128" "5659661" "5666464" "5717824" "5724480" "5774840" "5778334" "5963896" "6009388" "6023672" "6052660" "6073092" "6173257" "6393391" "6751585" "6980951" "7047188" "20020029140" "20020069052" "20020072904" "20040093205" "20040172402" "20040176950" "20050137863" "5826226" "20040073420" "20050177364" "20060106600" "20040111257" "5754976" "4963034" "5704000" "6236961" "5455888" "5924062" "6691083" "6704711" "20010044722" "20050154584" "20050165603" "20050251387" "20050267746" "20060100859" "5699485" "5884253" "5903866" "5924061" "4860355" "5664055" "5732389" "6014618" "4791670" "4969192" "5664054" "4980916" "5359696" "5528723" "5633982" "5657419" "5787389" "5793930" "5828811" "5839098" "5875423" "5913187" "6006178" "6014622" "6052659" "6055496" "6098037" "6199035" "6249758" "5199076" "5233660" "5245662" "5293449" "5295224" "5305332" "5307441" "5307460" "5371853" "5426718" "5491771").pn.	US-PGPUB; USPAT	OR	ON	2007/02/03 17:19
L15	8	("5295224"   "5633980"   "5664055"   "5717618"   "5806022"   "5845244"   "6636829"   "6807524"). PN. OR ("7010480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 17:11
L14	1	("6807524").URPN.	USPAT	OR	ON	2007/02/03 17:10
L13	0	("2005/0065785").URPN.	USPAT	OR	ON	2007/02/03 17:06
L12	0	("2005/0108005").URPN.	USPAT	OR	ON	2007/02/03 17:05
L11	0	("2005/0108007").URPN.	USPAT	OR	ON	2007/02/03 17:05
L10	168	9 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:02
L9	341	pitch adj3 (codebook codevector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:02
L3	313	pitch with (codebook codevector) with search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 17:01
L8	0	("2005/0108005").URPN.	USPAT	OR	ON	2007/02/03 16:57
L7	92	3 with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 16:57
L6	15	("4932061"   "5307441"   "5359696"   "5444816"   "5519807"   "5664055"   "5699482"   "5701392"   "5754976"   "5963898"   "6006174"   "6064962"   "6192334"   "6449590").PN. OR ("6807524"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 16:41

## EAST Search History

L5	13	("5113262"   "5235669"   "5394473"   "5444816"   "5455888"   "5581652"   "5699482"   "5701392"   "5754976"   "5956624"   "5978759"   "5999897"   "6134373").PN. OR ("7151802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 16:35
L4	32	1 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 16:31
L2	453	pitch adj3 search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 16:30
L1	916	wideband with encod\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/03 16:30
S68	13	("5113262"   "5235669"   "5394473"   "5444816"   "5455888"   "5581652"   "5699482"   "5701392"   "5754976"   "5956624"   "5978759"   "5999897"   "6134373").PN. OR ("7151802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/01 10:18
S67	15	("4932061"   "5307441"   "5359696"   "5444816"   "5519807"   "5664055"   "5699482"   "5701392"   "5754976"   "5963898"   "6006174"   "6064962"   "6192334"   "6449590").PN. OR ("6807524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/27 18:51
S66	100	("5873060" "6141638" "6795805" "20050108005" "20060277036" "5434947" "5570453" "5675702" "5692101" "5826224" "5581652" "6807524" "20050065785" "20050108007" "5457783" "5864797" "5396576" "5487128" "5659661" "5666464" "5717824" "5724480" "5774840" "5778334" "5963896" "6009388" "6023672" "6052660" "6073092" "6173257" "6393391" "6751585" "698095" "7047188" "20020029140" "20020069052" "20020072904" "20040093205" "20040172402" "20040176950" "20050137863" "5826226" "20040073420" "20050177364" "20060106600" "20040111257" "5754976" "4963034" "5704000" "6236961" "5455888" "5924062" "6691083" "6704711" "20010044722" "20050154584" "20050165603" "20050251387" "20050267746" "20060100859" "5699485" "5884253" "5903866" "5924061" "4860355" "5664055" "5732389" "6014618" "4791670" "4969192" "5664054" "4980916" "5359696" "5528723" "5633982" "5657419" "5787389" "5793930" "5828811" "5839098" "5875423" "5913187" "6006178" "6014622" "6052659" "6055496" "6098037" "6199035" "6249758" "5199076" "5233660" "5245662" "5293449" "5295224" "5305332" "5307441" "5307460" "5371853" "5426718" "5491771" ).pn.	US-PGPUB; USPAT	OR	ON	2007/01/26 17:04
S65	97	S62 same S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:01

## EAST Search History

S64	440	pitch with prediction with (error residual)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:01
S37	89	S34 same S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:01
S63	227	S61 same S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:00
S62	1155	(pitch adaptive) with codebook	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:00
S61	5026	pitch with analy\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:00
S35	209	S33 same S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 17:00
S60	294	S59 and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:58
S59	831	S57 same S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:58
S58	3049	long with term with predict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:58
S57	1793	short with term with predict\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:58
S43	275	S42 and "704"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:58
S56	13	S54 same S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:57

## EAST Search History

S55	1123	weight\$3 with synthesi\$ with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:56
S13	968	weight\$ with synthesi\$ with filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:56
S54	55	convol\$5 with pitch with \$4vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:55
S14	8	S12 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:55
S53	15	("4932061"   "5307441"   "5359696"   "5444816"   "5519807"   "5664055"   "5699482"   "5701392"   "5754976"   "5963898"   "6006174"   "6064962"   "6192334"   "6449590").PN. OR ("6807524"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/26 16:52
S52	13	("5113262"   "5235669"   "5394473"   "5444816"   "5455888"   "5581652"   "5699482"   "5701392"   "5754976"   "5956624"   "5978759"   "5999897"   "6134373").PN. OR ("7151802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/26 16:51
S51	0	("2005/0065785").URPN.	USPAT	OR	ON	2007/01/26 16:50
S50	0	(10/965795).APP.	USPAT; USOCR	OR	ON	2007/01/26 16:50
S49	0	("2005/0108007").URPN.	USPAT	OR	ON	2007/01/26 16:50
S48	65	S46 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:48
S47	398	pitch same codebook same search	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:48
S46	225	pitch with prediction with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:48
S5	54	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 16:48